Amita Singh

List of Publications by Year
in descending order

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48	1,214	430442	377514
papers	citations	18 h-index	34 g-index

49	49	49	744
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ferrocene Appended Asymmetric Sensitizers with Azine Spacers with phenolic/nitro anchors for Dye-Sensitized Solar Cells. Journal of Molecular Structure, 2022, 1249, 131630.	1.8	7
2	Ternary copper molybdenum sulfide (Cu₂MoS₄) nanoparticles anchored on PANI/rGO as electrocatalysts for oxygen evolution reaction (OER). Applied Organometallic Chemistry, 2022, 36, .	1.7	4
3	Manganese complexes and manganese-based metal-organic frameworks as contrast agents in MRI and chemotherapeutics agents: Applications and prospects. Colloids and Surfaces B: Biointerfaces, 2022, 213, 112432.	2.5	59
4	Metal organic frameworks as efficient adsorbents for drugs from wastewater. Materials Today Communications, 2022, 31, 103514.	0.9	85
5	Phase-controlled solvothermal syntheses and oxygen evolution reaction (OER) activity of nickel sulfide nanoparticles obtained from 1,2-bis(diphenylphosphino)ethane nickel(<scp>ii</scp>) acetylacetonatedithiolate. New Journal of Chemistry, 2022, 46, 10246-10255.	1.4	4
6	New di-n-butyltin(<scp>iv</scp>)-bis-(1-alkoxy-isoquinoline-4-nitrile thiolate): crystallographic and computational studies. CrystEngComm, 2022, 24, 4274-4282.	1.3	7
7	New lead(II) coordination polymer derived from second generation O-methylpyridylxanthate: Crystallographic and computational studies. Inorganica Chimica Acta, 2021, 514, 120032.	1.2	0
8	Ni(<scp>ii</scp>) dithiolate anion composites with two-dimensional materials for electrochemical oxygen evolution reactions (OERs). New Journal of Chemistry, 2021, 45, 16264-16270.	1.4	7
9	1,3-Bis(4â€²-carboxylatophenoxy)benzene and 3,5-bis(1-imidazoly)pyridine derived Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) coordination polymers: synthesis, structure and photocatalytic properties. CrystEngComm, 2021, 23, 3981-3988.	1.3	8
10	New Cd(<scp>ii</scp>) coordination polymers bearing Y-shaped tricarboxylate ligands as photocatalysts for dye degradation. CrystEngComm, 2021, 23, 6400-6408.	1.3	4
11	Photocatalytic organic dye by two new coordination polymers with flexible dicarboxylate and different N-donor linkage. Inorganica Chimica Acta, 2021, 519, 120284.	1.2	5
12	New mercury(II) halide complexes with neutral ferrocene functionalized thiazolidineâ€2â€thiones: Crystallographic and computational analyses. Applied Organometallic Chemistry, 2021, 35, e6299.	1.7	1
13	Effect of different aromatic groups on photovoltaic performance of 1,1â€²â€bis(diphenylphosphino)ferrocene functionalized Ni (II) dithiolates as sensitizers in dye sensitized solar cells. Applied Organometallic Chemistry, 2021, 35, e6402.	1.7	9
14	Ferrocene decorated unusual mercury(<scp>ii</scp>) dithiocarbamate coordination polymers: crystallographic and computational studies. CrystEngComm, 2021, 23, 2414-2423.	1.3	8
15	Structures and photocatalytic properties of two Mn(II)-based coordination polymers. Inorganica Chimica Acta, 2020, 499, 119189.	1.2	10
16	Luminescent sensing of nitroaromatics by crystalline porous materials. CrystEngComm, 2020, 22, 7736-7781.	1.3	97
17	Structures and photocatalytic properties of two new Zn(<scp>ii</scp>) coordination polymers based on semi-rigid V-shaped multicarboxylate ligands. RSC Advances, 2020, 10, 18721-18727.	1.7	16
18	Two new coordination polymers driven by polycarboxylate and N-donor spacers: Photocatalytic performance and theoretical analysis. Inorganica Chimica Acta, 2020, 508, 119647.	1.2	6

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19	Tertiary phosphineâ€appended transition metal ferrocenyl dithiocarbamates: Syntheses, Hirshfeld surface, and electrochemical analyses. Applied Organometallic Chemistry, 2020, 34, e5879.	1.7	5
20	New 1D diorganotin(<scp>iv</scp>) dithiolate coordination polymers: crystallographic, computational, Hirshfeld surface and thermal analyses. CrystEngComm, 2020, 22, 2049-2059.	1.3	29
21	Synthesis and photocatalytic properties of a new paddle-wheel Cu(II) complex: An integrated experimental and theoretical investigation. Bulletin of the Chemical Society of Ethiopia, 2019, 33, 285.	0.5	1
22	A new Zn(<scp>ii</scp>)-based 3D metalâ€“organic framework with uncommon sev topology and its photocatalytic properties for the degradation of organic dyes. CrystEngComm, 2019, 21, 4578-4585.	1.3	119
23	A 3D stable Mn(II) metal-organic framework based on a flexible tetracarboxylate precursor and its photocatalytic properties. Inorganica Chimica Acta, 2019, 492, 186-191.	1.2	14
24	Ferrocenylethenyl-substituted oxadiazoles with phenolic and nitro anchors as sensitizers in dye sensitized solar cells. New Journal of Chemistry, 2019, 43, 4745-4756.	1.4	13
25	Luminescent sensing and photocatalytic degradation in a new 3D Zn(II)-based highly luminescent metalâ"organic framework. Journal of Molecular Structure, 2019, 1179, 612-617.	1.8	24
26	Structures and photocatalytic performance of two d10 metal-based coordination polymers containing mixed building units. Transition Metal Chemistry, 2019, 44, 107-114.	0.7	3
27	A new mixed ligand based Cd(II) 2D coordination polymer with functional sites: Photoluminescence and photocatalytic properties. Inorganica Chimica Acta, 2019, 484, 291-296.	1.2	22
28	Syntheses of nickel sulfides from 1,2-bis(diphenylphosphino)ethane nickel(II)dithiolates and their application in the oxygen evolution reaction. International Journal of Hydrogen Energy, 2018, 43, 5985-5995.	3.8	18
29	1,1â€²-Bis(diphenylphosphino)ferrocene-appended nickel(<scp>ii</scp>) dithiolates as sensitizers in dye-sensitized solar cells. New Journal of Chemistry, 2018, 42, 9306-9316.	1.4	18
30	Fluorescence sensing and photocatalytic properties of a 2D stable and biocompatible Zn(II)-based polymer. Journal of Molecular Structure, 2018, 1158, 264-270.	1.8	20
31	Supramolecular architecture of organotin(IV) N-methyl ferrocenyl N-ethanol dithiocarbamates: Crystallographic and computational studies. Inorganica Chimica Acta, 2018, 471, 234-243.	1.2	15
32	A new Zn(<scp>ii</scp>) metalâ€“organic framework having 3D CdSO₄ topology as luminescent sensor and photocatalyst for degradation of organic dyes. New Journal of Chemistry, 2018, 42, 2767-2775.	1.4	79
33	Copper(<scp>i</scp>) tertiary phosphine xanthate complexes as single source precursors for copper sulfide and their application in the OER. New Journal of Chemistry, 2018, 42, 18759-18764.	1.4	13
34	A polyhedral metal-organic framework based on rigid precursor for photocatalytic properties. Inorganic Chemistry Communication, 2018, 97, 109-112.	1.8	11
35	Two Chemically Stable Cd(II) Polymers as Fluorescent Sensor and Photocatalyst for Aromatic Dyes. Polymers, 2018, 10, 274.	2.0	5
36	A new 3D Gd-based metal-organic framework with paddle-wheel unit: Structure and photocatalytic property. Inorganic Chemistry Communication, 2018, 95, 104-106.	1.8	8

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37	Rational synthesis of a luminescent uncommon (3,4,6)-c connected Zn(<scp>ii</scp>) MOF: a dual channel sensor for the detection of nitroaromatics and ferric ions. Dalton Transactions, 2018, 47, 9627-9633.	1.6	92
38	A 2D Cd(II)-MOF as a multifunctional luminescencent sensor for nitroaromatics, iron(III) and chromate ions. Journal of Coordination Chemistry, 2017, 70, 1077-1088.	0.8	17
39	Ferrocenyl benzimidazole with carboxylic and nitro anchors as potential sensitizers in dye-sensitized solar cells. New Journal of Chemistry, 2017, 41, 7312-7321.	1.4	21
40	Molecular structure, supramolecular association and anion sensing by chlorodiorganotin(IV) methylferrocenyldithiocarbamates. Journal of Molecular Structure, 2017, 1145, 197-203.	1.8	5
41	Fluorescence sensing of nitro-aromatics by Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>) based coordination polymers having the 5-[bis(4-carboxybenzyl)-amino]isophthalic acid ligand. New Journal of Chemistry, 2017, 41, 3537-3542.	1.4	48
42	Efficient photocatalytic degradation of methyl violet with two metallâ€“organic frameworks. Journal of Coordination Chemistry, 2017, 70, 3409-3421.	0.8	11
43	An uncommon 3D 3,3,4,8-c Cd(<scp>ii</scp>) metalâ€“organic framework for highly efficient luminescent sensing and organic dye adsorption: experimental and theoretical insight. CrystEngComm, 2017, 19, 7057-7067.	1.3	31
44	Photocatalytic degradation of organic dyes by a stable and biocompatible Zn(II) MOF having ferulic acid: Experimental findings and theoretical correlation. Journal of Molecular Structure, 2017, 1149, 352-356.	1.8	43
45	Luminescent sensing of Cu 2+ , CrO 4 2â˜ and photocatalytic degradation of methyl violet by Zn(II) metal-organic framework (MOF) having 5,5â€²-(1H-2,3,5-triazole-1,4-diyl)diisophthalic acid ligand. Journal of Molecular Structure, 2017, 1148, 531-536.	1.8	24
46	A porous zinc(II) metalâ€“organic framework exhibiting high sensing ability for ferric and nitroaromatics as well as photocatalytic degradation activities against organic dyes. Journal of Coordination Chemistry, 2017, 70, 3946-3958.	0.8	8
47	Luminescent sensing and photocatalytic degradation properties of an uncommon (4,5,5)-connected 3D MOF based on 3,5-di(3â€²,5â€²-dicarboxylphenyl)benzoic acid. CrystEngComm, 2017, 19, 4368-4377.	1.3	82
48	An uncommon (5,5)-connected 3D metal organic material for selective and sensitive sensing of nitroaromatics and ferric ion: experimental studies and theoretical analysis. CrystEngComm, 2017, 19, 3519-3525.	1.3	78